

IMPORTANT NOTICE

EA 04-013094

11/29/04

This **Department of Army** permit is currently being amended and shall be used as reference only. All information necessary for bidding purpose is contained in the Plan and the Special Provisions. Please note the working window stated in this permit has been changed. Please see the Special Provision for the revised working window.



DEPARTMENT OF THE ARMY
SAN FRANCISCO DISTRICT, CORPS OF ENGINEERS
333 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94105-2197

REPLY TO
ATTENTION OF:

DEC 04 1998

Regulatory Branch

SUBJECT: Carquinez Bridge Project, Permit Number 21393N

Ms. Susan Chang
California Department of Transportation
P.O. Box 23660
Oakland, California 94623-0660

Dear Ms. Chang:

Enclosed are two copies of a Department of the Army (DA) permit authorizing the California Department of Transportation to perform the work in Corps of Engineers jurisdiction associated with the Carquinez Bridge Replacement Project in Carquinez Strait in both Contra Costa and Solano Counties, California.

Please sign both copies on the line designated for permittee. Your signature should be notarized and both copies of the permit must be returned for my signature. We will then forward one copy of the permit for your records, at which time you will be authorized to commence work.

If you fail to sign and return both copies of this permit within thirty days from the date of this letter, we will consider withdrawing your permit request. Feel free to contact Debra O'Leary with any questions, at (415) 977-8442. Please address all correspondence to the Regulatory Branch, and refer to the file number 213923N.

Sincerely,

A handwritten signature in blue ink, appearing to read "Peter T. Grass", is written over a horizontal line.

Peter T. Grass
Lieutenant Colonel, Corps of Engineers
District Engineer

Enclosures



DEPARTMENT OF THE ARMY
SAN FRANCISCO DISTRICT, CORPS OF ENGINEERS
333 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94105-2197

REPLY TO
ATTENTION OF:

DEC 04 1998

Regulatory Branch

SUBJECT: Carquinez Bridge Project, Permit Number 21393N

Ms. Susan Chang
California Department of Transportation
P.O. Box 23660
Oakland, California 94623-0660

Dear Ms. Chang:

Enclosed is the California Department of Transportation's signed copy of a Department of the Army permit (Encl 1) to perform the work in Corps jurisdiction associated with the Carquinez Bridge Replacement project in the Carquinez Strait between Contra Costa and Solano Counties in California.

Please complete the appropriate parts of "Notice to Permittee" form (Encl 2), and return it to this office. You are responsible for ensuring that the contractor or workers executing the activity authorized herein is knowledgeable with the terms and conditions of this authorization, and that the "Notice of Authorization," ENG Form 4336 (Encl 3), is posted in a conspicuous place at the site prior to the start of work.

If you have any questions regarding this authorization please call Debra O'Leary of my staff at (415) 977-8442. Please address all correspondence to the attention: Regulatory Branch, and refer to the file number 21393N.

Sincerely,

Peter T. Grass
Lieutenant Colonel, Corps of Engineers
District Engineer

Enclosures

Copies Furnished w/encl 1 only:

US F&WS, Sacramento, CA
US EPA, San Francisco, CA
US NMFS, Santa Rosa, CA
BCDC, San Francisco, CA
CA F&G, Yountville, CA
CA RWQCB, Oakland, CA



**This notice of authorization must be
conspicuously displayed at the site of work.**

United States Army Corps of Engineers

19 98

A permit to perform the work in Corps jurisdiction
at Carquinez Bridge

has been issued to CA Dept. of Transp. on 19

Address of Permittee P.O. Box 23660
Oakland, CA 94623-0660

Permit Number

21393N

PETER T. GRASS
District Commander
LTC, EN
Commanding

NOTICE TO PERMITTEE

Please use the forms below to report the dates when you start and finish the work authorized by the enclosed permit. Also if you suspend work for an extended period of time, use the forms below to report the dates you suspended and resumed work. The second copy is for records. If you find that you cannot complete the work within the time granted by the permit, please apply for a time extension at least one month before your permit expires. If you materially change the plan or scope of the work, it will be necessary for you to submit new drawings and a request for a modification of your permit.

(cut out as needed)

Date: _____

NOTICE OF COMPLETION OF WORK under Department of the Army permit No. -021393-0N

TO: District Engineer, US Army Corps of Engineers, Regulatory Branch, 333 Market Street, 8th Floor, San Francisco, CA 94105-2197

In compliance with the conditions of the permit dated December 4, 1998 to perform the work in Corps jurisdiction associated with the Carquinez this is to notify you that the work was completed on _____.

Permittee: California Department of Transportation

Address: P.O. Box 23660, Oakland, CA 94623

Date: _____

NOTICE OF RESUMPTION OF WORK under Department of the Army permit No. -021393-0N

TO: District Engineer, US Army Corps of Engineers, Regulatory Branch, 333 Market Street, 8th Floor, San Francisco, CA 94105-2197

In compliance with the conditions of the permit dated December 4, 1998 to perform the work in Corps jurisdiction associated with the Carquinez this is to notify you that work was resumed on _____.

Permittee: California Department of Transportation

Address: P.O. Box 23660, Oakland, CA 94623

Date: _____

NOTICE OF SUSPENSION OF WORK under Department of the Army permit No. -021393-0N

TO: District Engineer, US Army Corps of Engineers, Regulatory Branch, 333 Market Street, 8th Floor, San Francisco, CA 94105-2197

In compliance with the conditions of the permit dated December 4, 1998 to perform the work in Corps jurisdiction associated with the Carquinez this is to notify you that work was suspended on _____.

Permittee: California Department of Transportation

Address: P.O. Box 23660, Oakland, CA 94623

Date: _____

NOTICE OF COMMENCEMENT OF WORK under Department of the Army permit No. -021393-0N

TO: District Engineer, US Army Corps of Engineers, Regulatory Branch, 333 Market Street, 8th Floor, San Francisco, CA 94105-2197

In compliance with the conditions of the permit dated December 4, 1998 to perform the work in Corps jurisdiction associated with the Carquinez this is to notify you that work was commenced on _____.

Permittee: California Department of Transportation

Address: P.O. Box 23660, Oakland, CA 94623

DEC 04 1998

DEPARTMENT OF THE ARMY PERMIT

Permittee: **The California Department of Transportation (Caltrans)**

Permit Number: **21393N**

Issuing Office: **San Francisco District**

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:

As part of the Carquinez Bridge Replacement Project, Caltrans is hereby authorized to:

- 1) place up to 1,010 cubic yards of fill on 920 square feet of wetland on the southern shore of the Carquinez Strait,
- 2) construct four cofferdams covering up to 14,400 square feet of the Carquinez Strait;
- 3) install piles to support 15,460 square feet of dolphins and fenders to protect the new bridge;
- 4) dredge 14,000 cubic yards of material from a 6,460 square foot area where the bridge foundations and protective structures of the new bridge will be placed;
- 5) demolish 6,500 square feet of dilapidated piers; and
- 6) place fill and excavate material while implementing the mitigation measures outlined in the September 8, 1998 report titled Martinez Regional Shoreline Salt Marsh Enhancement: Conceptual Elements.

The authorized work and placement of fill shall be done in accordance with the attached 10 drawings marked: " Carquinez-Bridge Project, In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties, California.

Project Location: The project site is located on the shorelines and in the Carquinez Strait, between Contra Costa and Solano Counties, California. The mitigation site is located at the Martinez Regional Shoreline Park located in Contra Costa County California.

Permit Conditions:

General Conditions:

1. The time limit for completing the work authorized ends on **December 31, 2005**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.

5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.

6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. The dredged material shall be disposed of at an upland site outside of Corps jurisdiction.

2. The permittee shall contain all debris generated by the Carquinez Bridge replacement project and dispose of the material in an area outside of Corps jurisdiction. Caltrans is not authorized to temporarily stockpile any debris or construction materials in wetlands subject to Corps jurisdiction.

4. Caltrans shall submit a final mitigation and monitoring plan by July 30, 1999 for review and approval by the Army Corps of Engineers. The mitigation acreage shall be the same as proposed in the table on page 28 of the September 8, 1998 Martinez Regional Shoreline Salt Marsh Enhancement: Conceptual Elements. All the required maps shall be plan sized with the same scale.

Additionally the permittee shall provide in a separate section of the final mitigation and monitoring plan an additional plan for impacts to engineered drainage on the southern shoreline. This plan detailing the creation of the approximately 1800 square feet of wetland, west of the wetland which shall be filled by the footings of the new bridge approach on the southern shore. This plan shall also include: final success criteria, contingency plans, a map showing the current wetland boundary, a monitoring plan. The permittee shall submit with the final monitoring report: a map showing the wetland boundary.

Further Information:

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

(X) Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

(X) Section 404 of the Clean Water Act (33 U.S.C. 1344).

2. Limits of this authorization.

a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.

b. This permit does not grant any property rights or exclusive privileges.

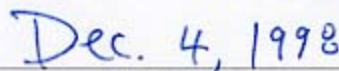
- c. This permit does not authorize any injury to the property or rights of others.
 - d. This permit does not authorize interference with any existing or proposed Federal project.
3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
 - b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
 - c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
 - e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- a. You fail to comply with the terms and conditions of this permit.
 - b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.


(PERMITTEE)


(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.



(DISTRICT ENGINEER)

Peter T. Grass

12-4-98

(DATE)

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEE)

(DATE)

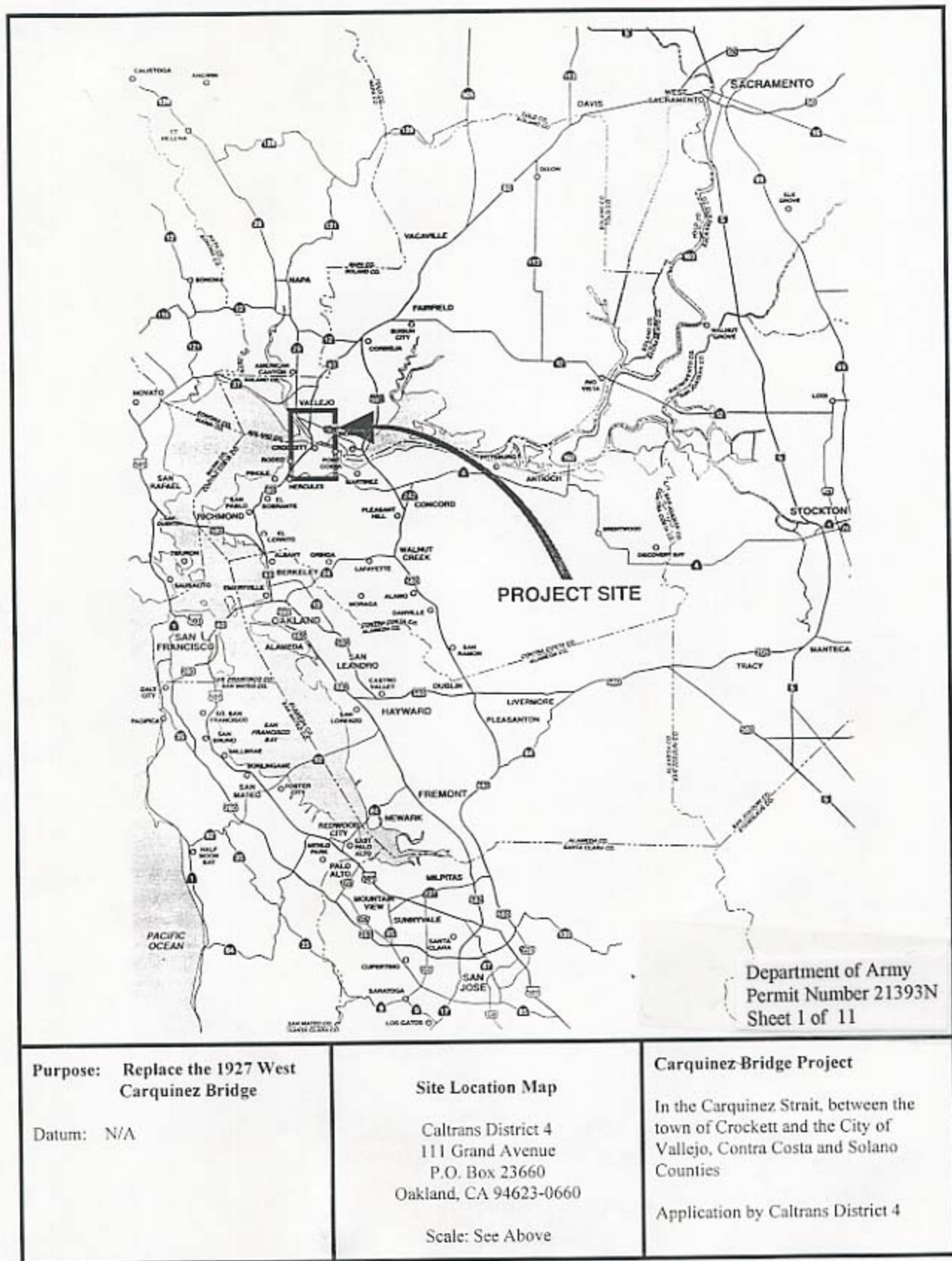


Figure 1

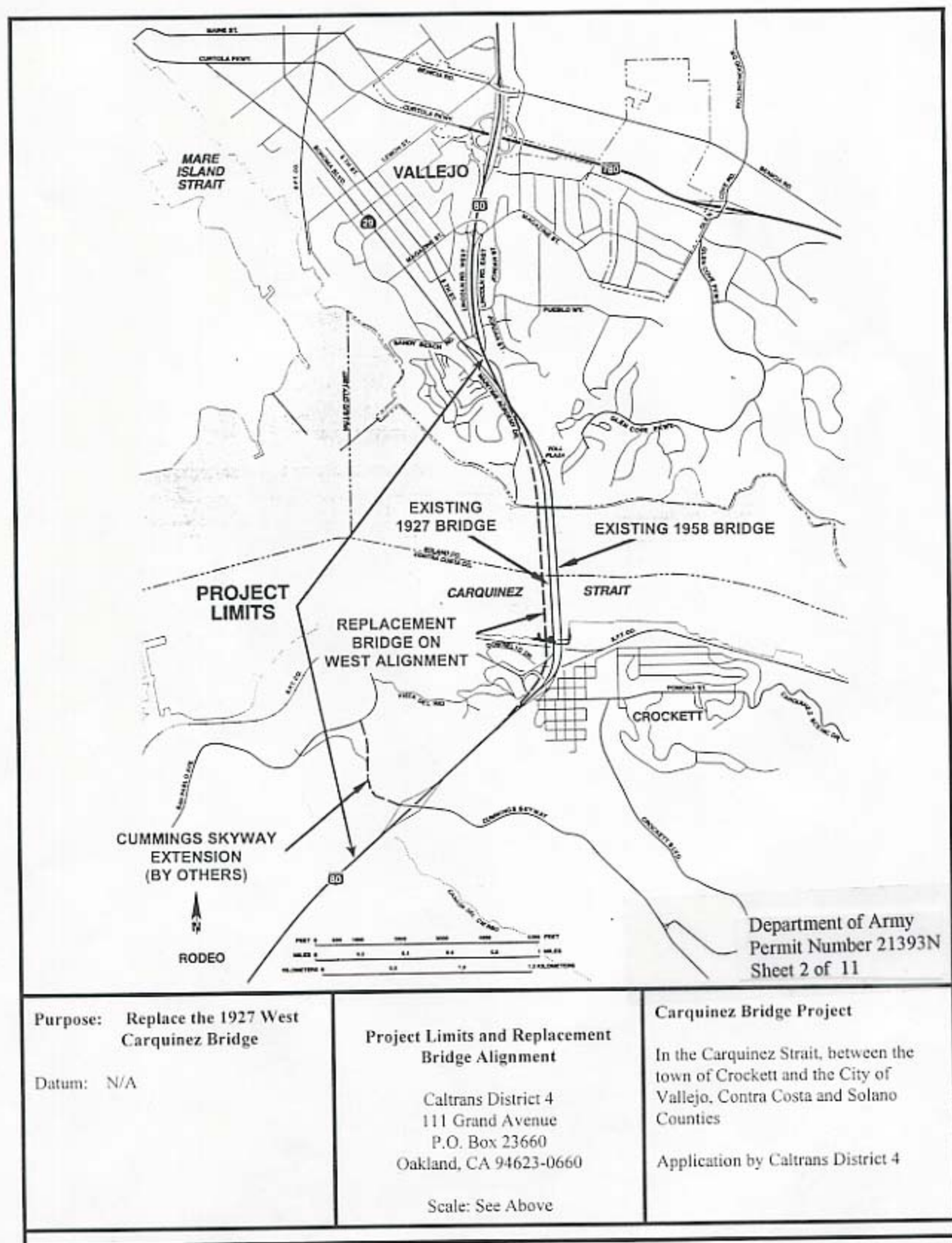












Figure 2



	BAY			SHORELINE
	SOLID	PILE-SUPP	CANTILEVERED (>150 FT OVER STRAIT)	SHORELINE
PERM.	 1207.74 sq. m (13000 sq. ft)	 483.10 sq. m (5200 sq. ft)	 15607.71 sq. m (168000 sq. ft) South half of bridge	 55.74 sq. m (600 sq. ft)
TO BE REMOVED AFTER CONST.	 1068.38 sq. m (11500 sq. ft)	 1589.22 sq. m (17100 sq. ft)  279.64 sq. m (3010 sq. ft)	 6224.5 sq. m (67000 sq. ft) South half of bridge	 T.C.E. 464.52 sq. m (5000 sq. ft)  EXIST FOOTING 413.42 sq. m (4450 sq. ft)

CARQUINEZ BRIDGE REPLACEMENT PROJECT

DETAIL A

SOUTH ANCHORAGE FILL & REMOVAL AND IMPACTS ON ENDANGERED SPECIES

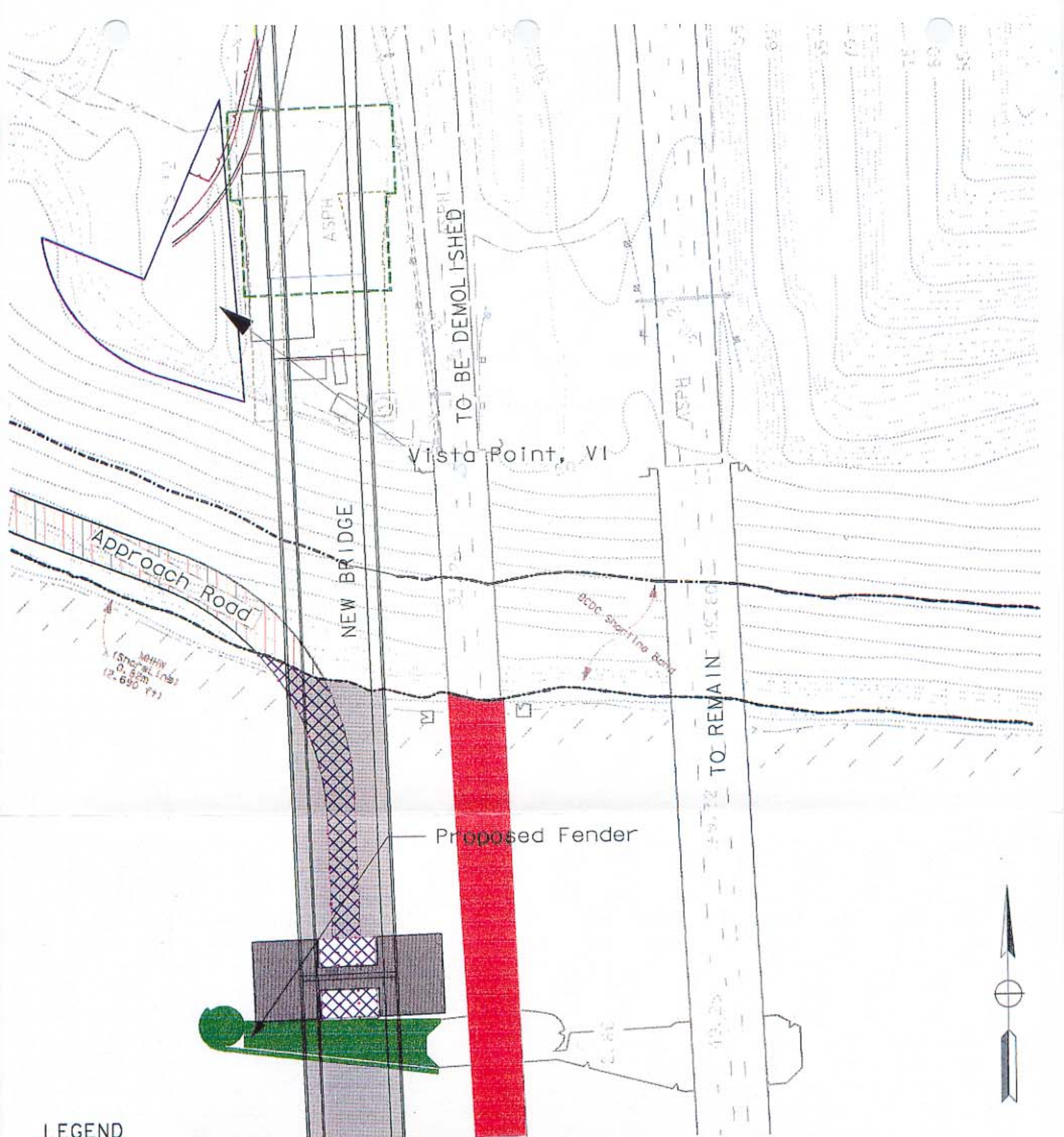
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Figure 3a








In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Department of Army
Permit Number 21393N
Sheet 3 of 11

PREPARED BY: DAVID M. DICKINSON
111 GRAND AVE. OAKLAND, CA (510) 286-5823



LEGEND

	BAY FILL			SHORELINE
	SOLID	PILE SUPPORTED	CANTILEVERED (>150 FT OVER STRAIT)	Temporary Construction Easement
PERM	 1021.94 sq. m (11000 sq. ft)	 789.68 sq. m (8500 sq. ft)	 15607.71 sq. m (168000 sq. ft) north half of bridge	 1525.94 sq. m (16425.1 sq. ft)
TO BE REMVD. AFTER CONST.	 13.94 sq. m (150 sq. ft)	 1022.3 sq. m (11,000 sq. ft)	 6224.50 sq. m (67000 sq. ft)	

CARQUINEZ BRIDGE REPLACEMENT PROJECT

DETAIL B

NORTH ANCHORAGE AREA
FILL & REMOVAL
AND
IMPACTS ON ENDANGERED
SPECIES

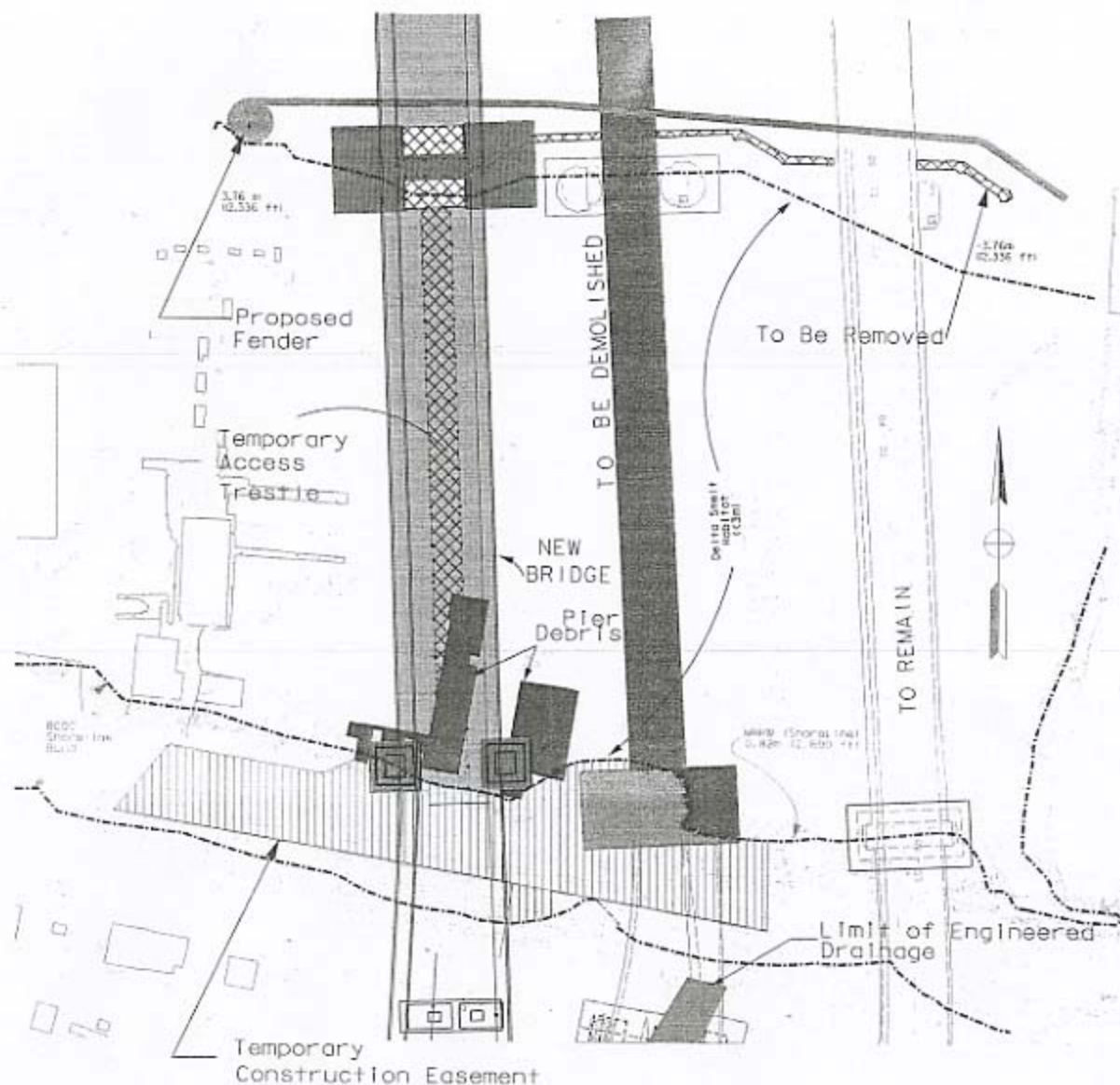
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In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Department of Army
Permit Number 21393N
Sheet 4 of 11

PREPARED BY: DAVID M. DICKINSON
111 GRAND AVE. OAKLAND, CA (510) 286-5823

Figure 3b













	BAY		SHORELINE	
	SOLID	PILE-SUPP.	CANTILEVERED (>150 FT OVER STRAIT)	SHORELINE
PERM.	 1207.74 sq. m (13000 sq. ft)	 483.10 sq. m (5200 sq. ft)	 15607.71 sq. m (168000 sq. ft) South half of bridge	 55.74 sq. m (600 sq. ft)
TO BE REMOVED AFTER CONST.	 1068.38 sq. m (11500 sq. ft)	 1589.22 sq. m (17100 sq. ft)  279.64 sq. m (3010 sq. ft)	 6224.5 sq. m (67000 sq. ft) South half of bridge	 464.52 sq. m (5000 sq. ft)  EXIST FOOTING 413.42 sq. m (4450 sq. ft)

Figure 3a

In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

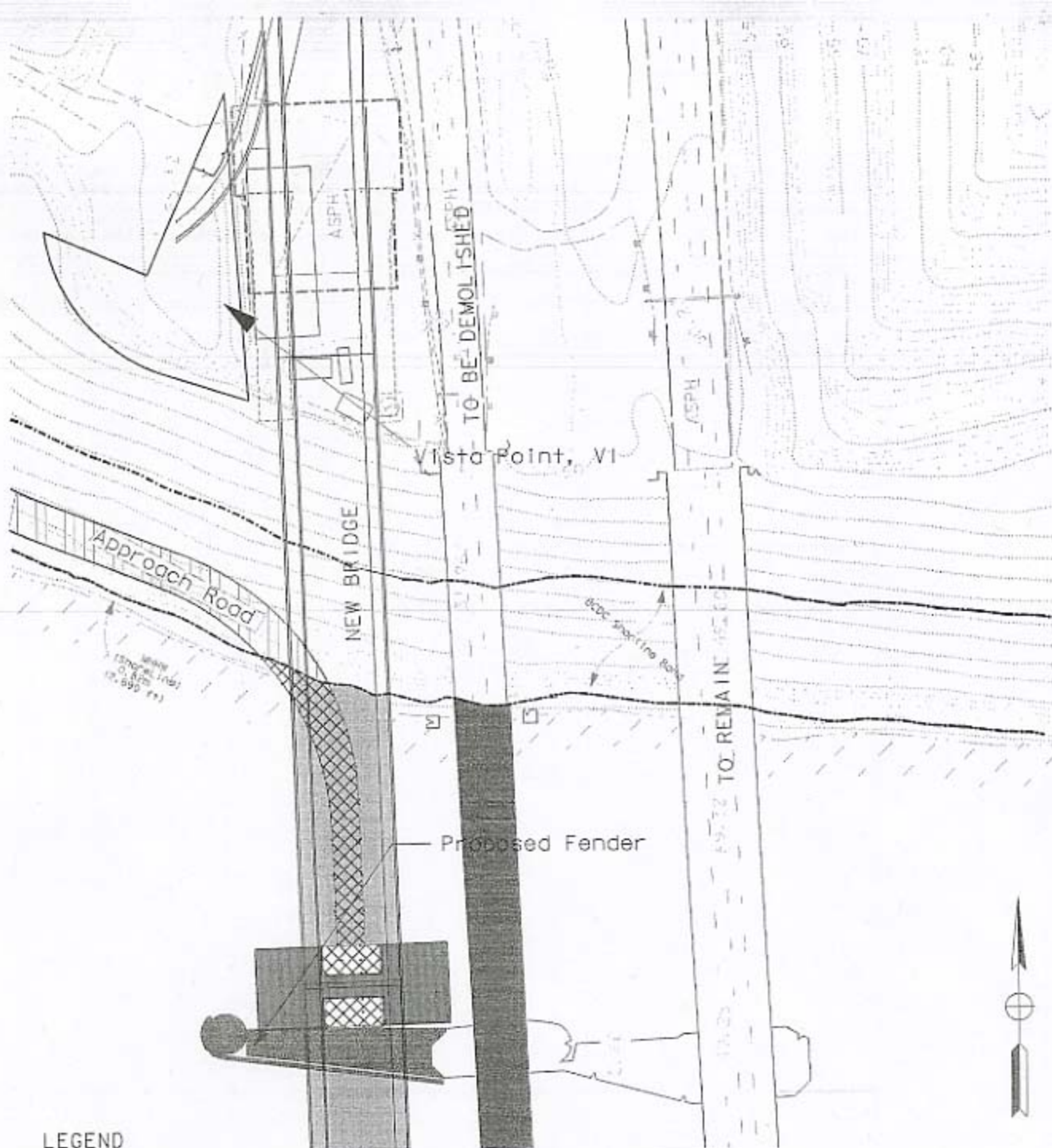
Department of Army
Permit Number 21393N
Sheet 3 of 11

CARQUINEZ BRIDGE REPLACEMENT PROJECT








DETAIL A SOUTH ANCHORAGE FILL & REMOVAL AND IMPACTS ON ENDANGERED SPECIES

Scale 1:1000

PREPARED BY: DAVID M. DICKINSON
111 GRAND AVE. OAKLAND, CA 94612 286-5822



LEGEND

	BAY FILL			SHORELINE
	SOLID	PILE SUPPORTED	CANTILEVERED (>150 FT OVER STRAIT)	Temporary Construction Easement
PERM	 1021.94 sq. m (11000 sq. ft)	 769.68 sq. m (8300 sq. ft)	 15607.71 sq. m (168000 sq. ft) north half of bridge	 1525.94 sq. m (16425.1 sq. ft)
TO BE REMVD. AFTER CONST.	 13.94 sq. m (150 sq. ft)	 1022.3 sq. m (11,000 sq. ft)	 6224.50 sq. m (67000 sq. ft)	

CARQUINEZ BRIDGE REPLACEMENT PROJECT

DETAIL B

NORTH ANCHORAGE AREA
FILL & REMOVAL
AND
IMPACTS ON ENDANGERED SPECIES

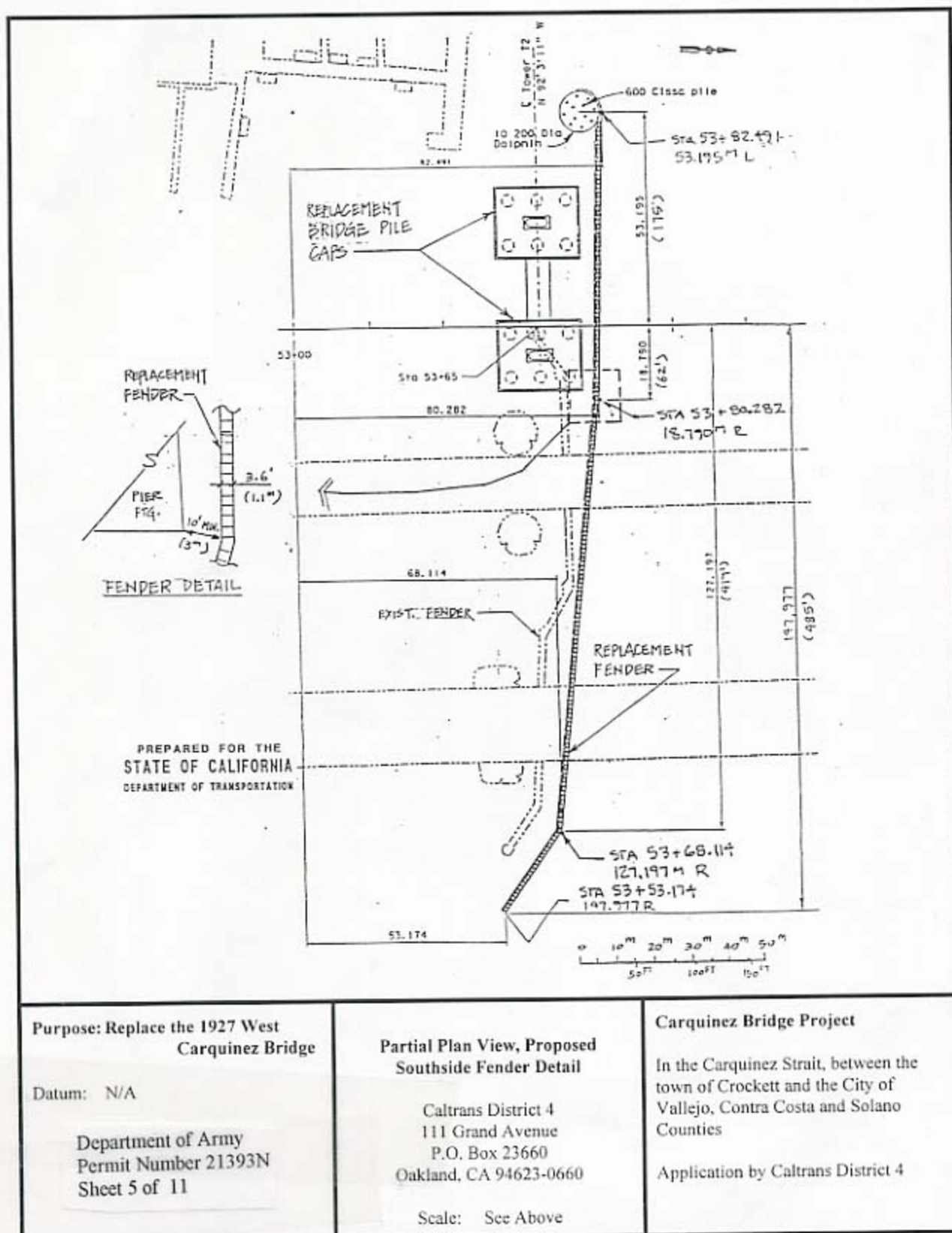
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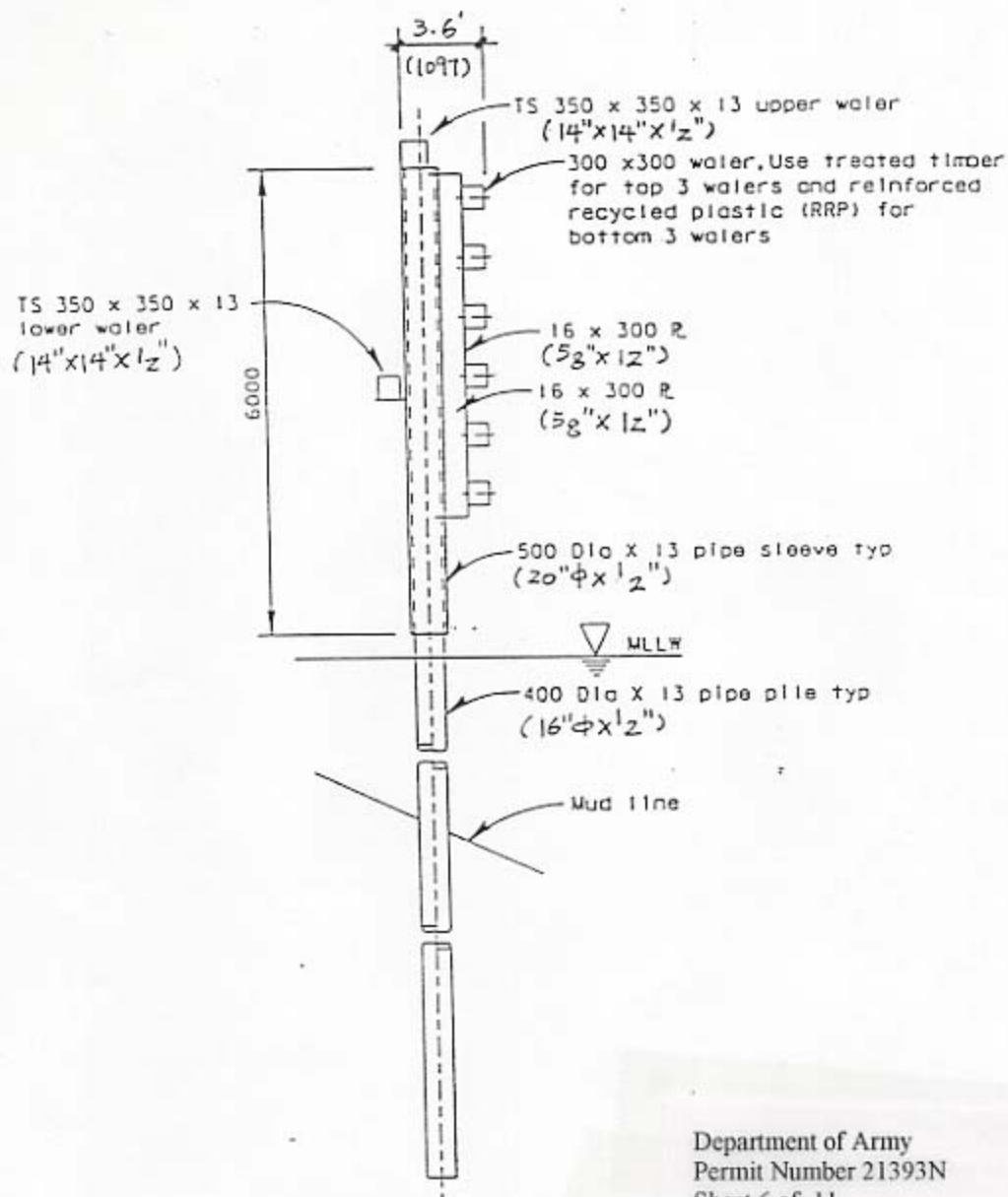
Figure 3b

In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Department of Army
Permit Number 21393N
Sheet 4 of 11

PREPARED BY: DAVID M. DICKINSON
111 GRAND AVE. OAKLAND, CA 94612 286-5625





Purpose: Replace the 1927 West Carquinez Bridge

Datum: Mean High Water

Typical Southside Southside Fender Section

Caltrans District 4
111 Grand Avenue
P.O. Box 23660
Oakland, CA 94623-0660

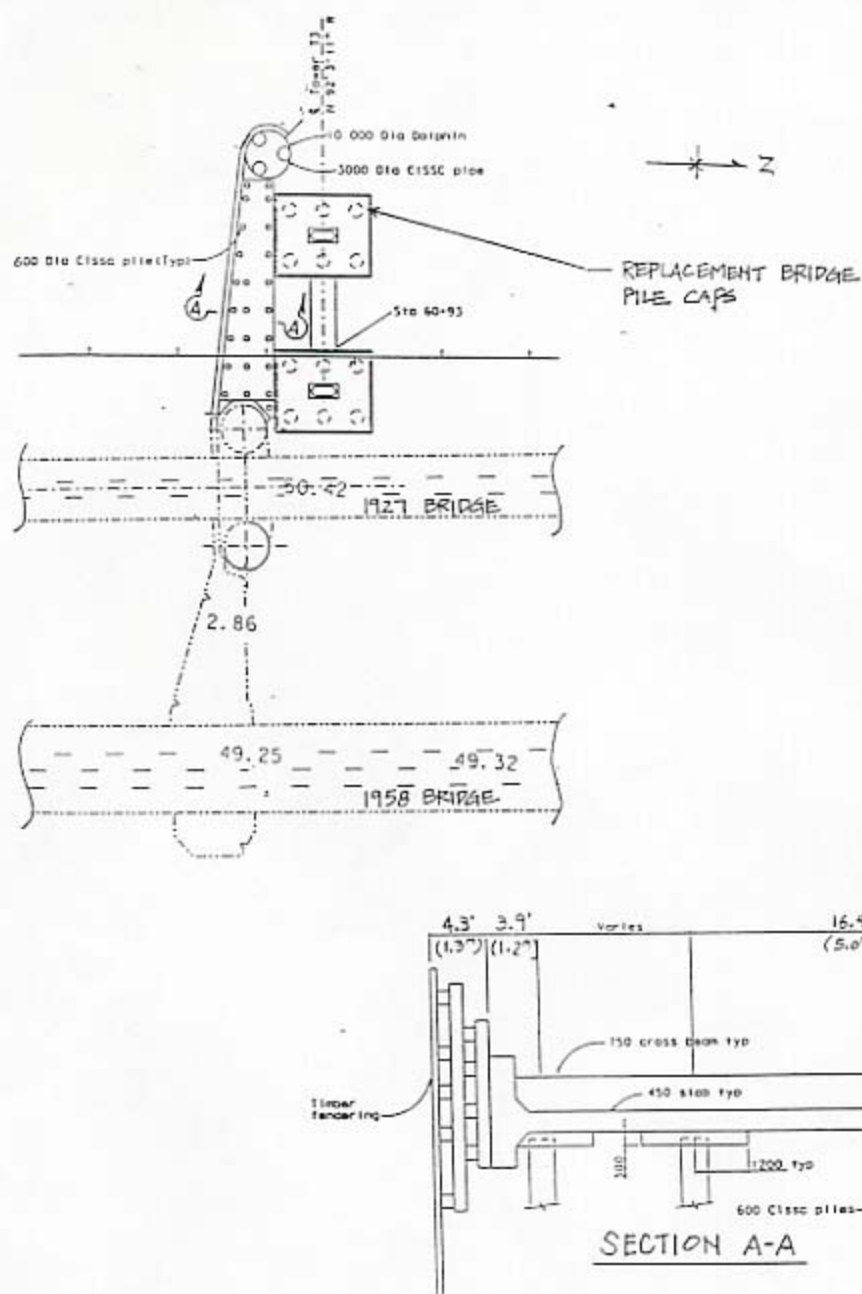
Not to Scale

Carquinez Bridge Project

In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Application by Caltrans District 4

Figure 3d



Purpose: Replace the 1927 West Carquinez Bridge

Datum: Mean High Water

Department of Army
Permit Number 21393N
Sheet 7 of 11

Proposed Northside Fender Design

Caltrans District 4
111 Grand Avenue
P.O. Box 23660
Oakland, CA 94623-0660

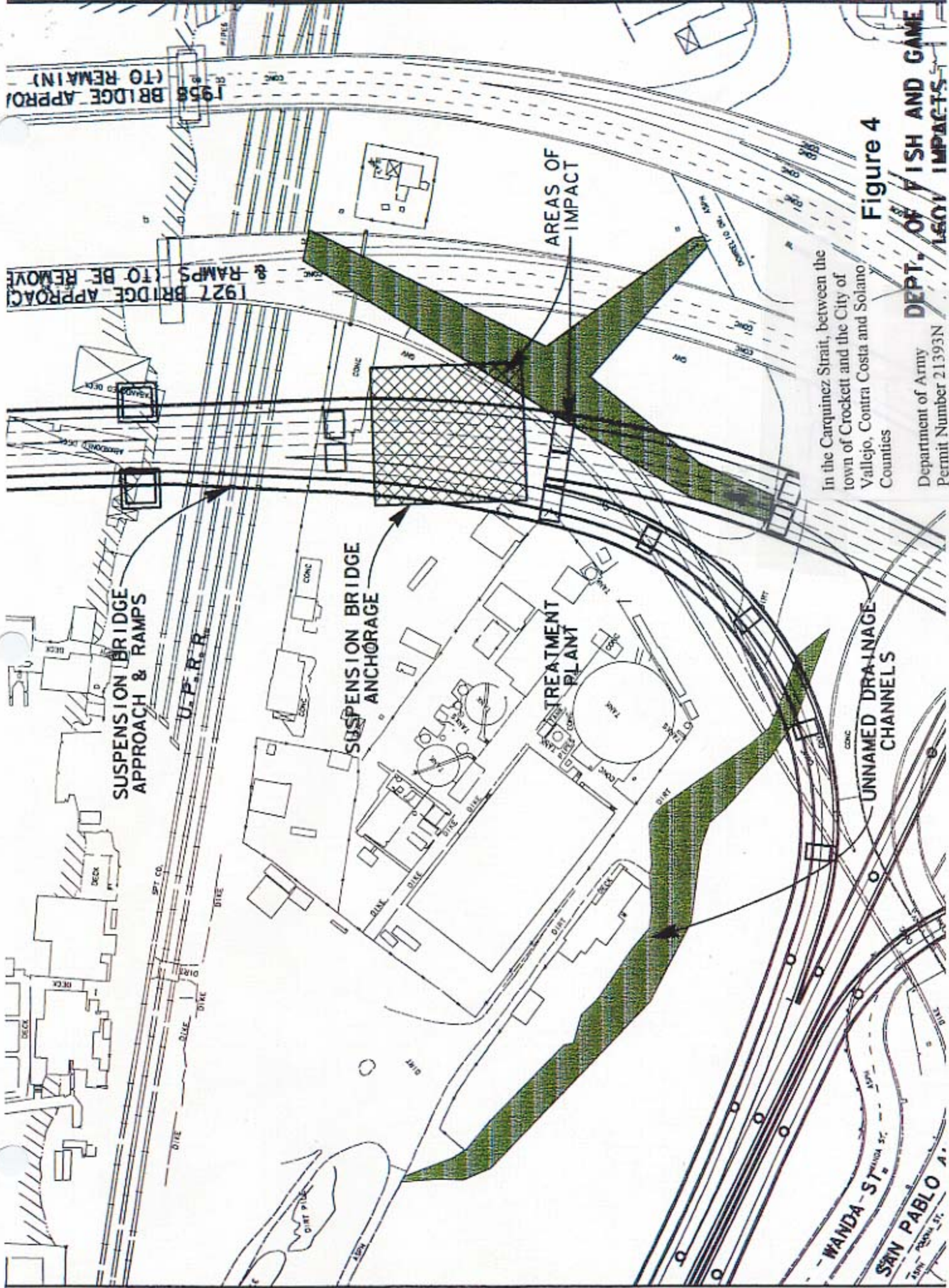
Not to Scale

Carquinez Bridge Project

In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

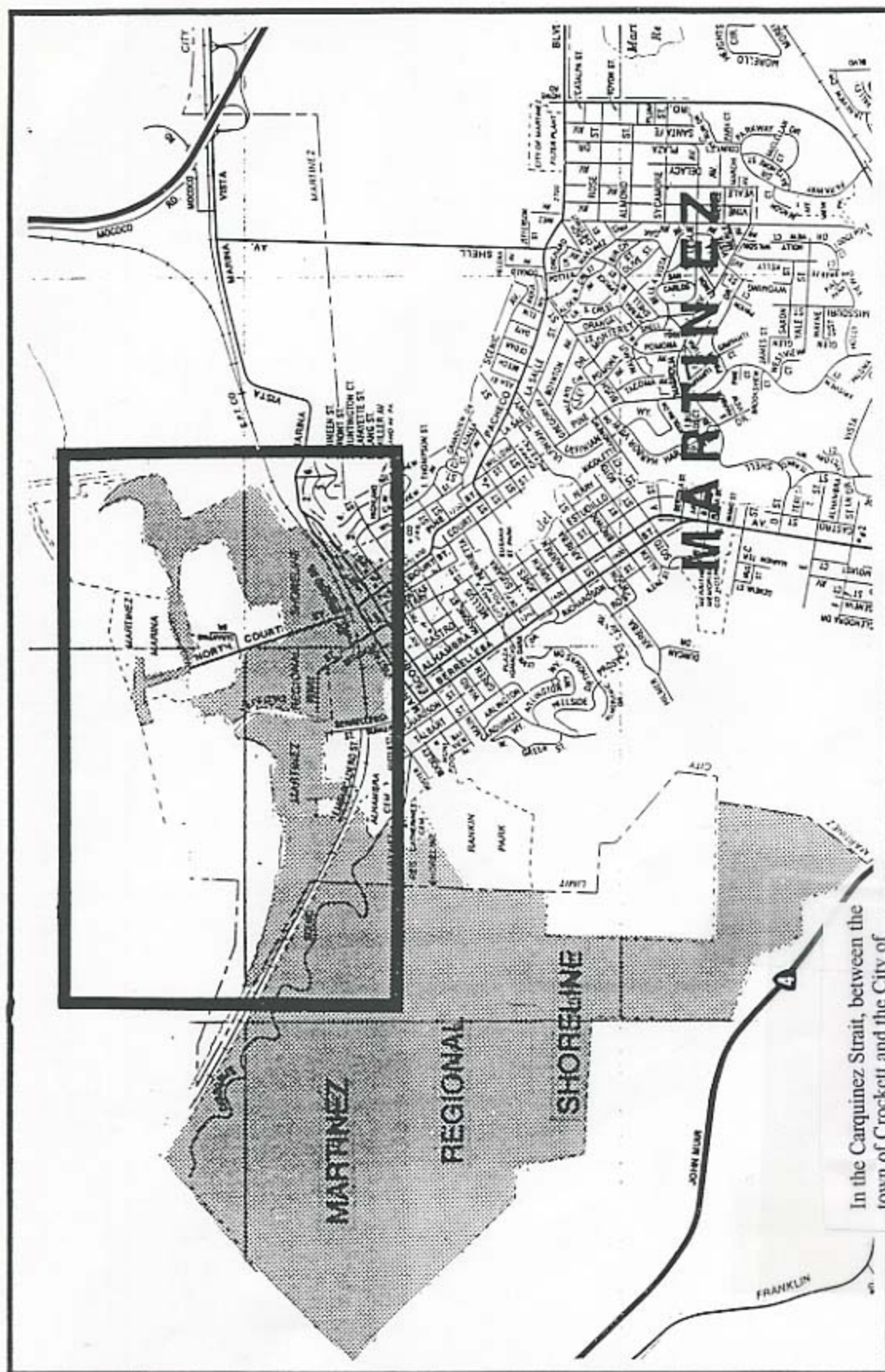
Application by Caltrans District 4

Figure 3e



In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

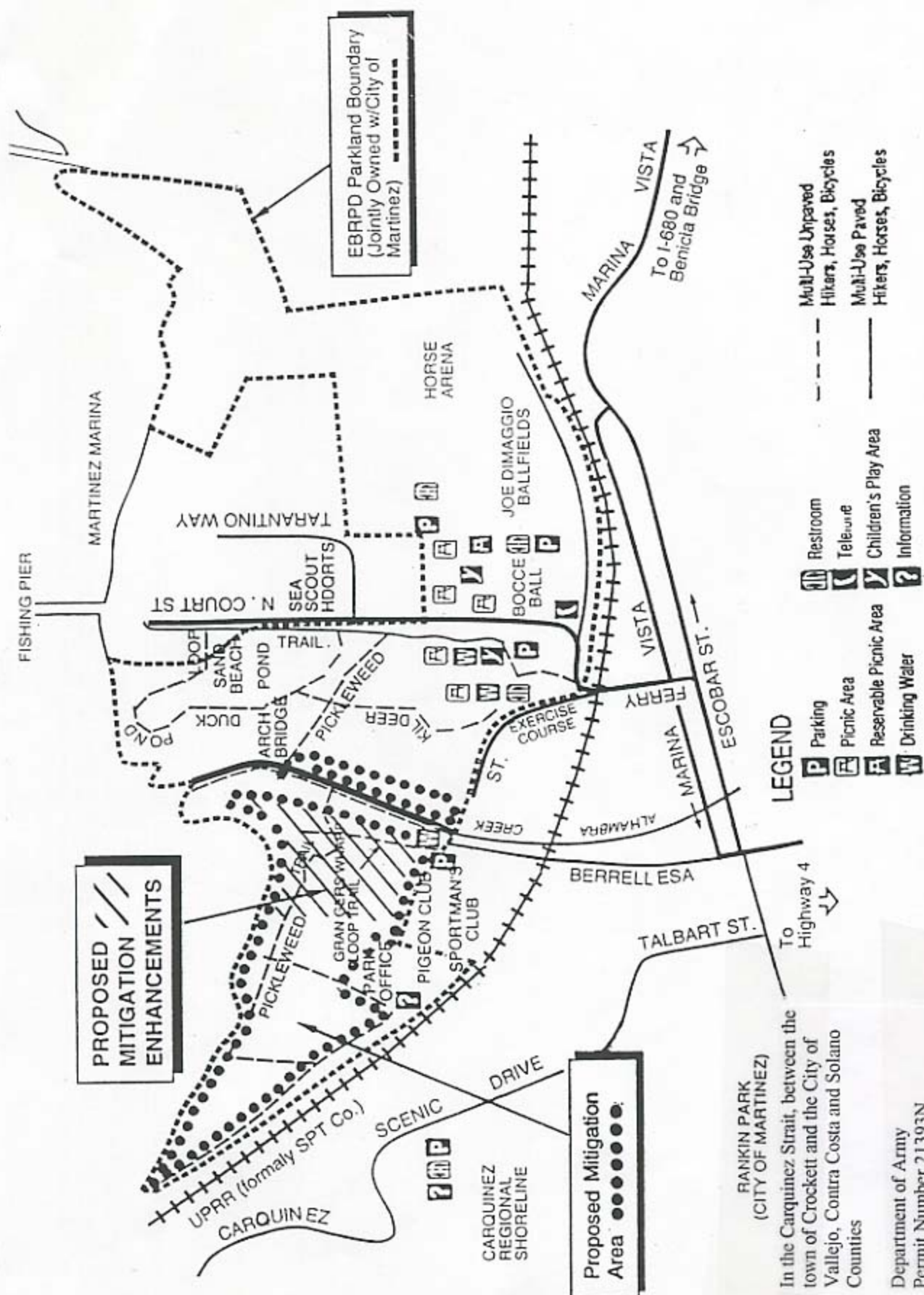
Figure 4



In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Department of Army
Permit Number 21393N
Sheet 9 of 11

Mitigation Area along Martinez Shoreline
Figure 5



Facilities at Existing Martinez Shoreline Park
Figure 6

In the Carquinez Strait, between the town of Crockett and the City of Vallejo, Contra Costa and Solano Counties

Department of Army
 Permit Number 21393N
 Sheet 10 of 11